(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 14 July 2005 (14.07.2005)

PCT

(10) International Publication Number WO 2005/063812 A3

C07K 14/435 (51) International Patent Classification⁷:

(21) International Application Number:

PCT/EP2004/053638

(22) International Filing Date:

21 December 2004 (21.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

03104973.7

24 December 2003 (24.12.2003) EP

- (71) Applicant (for all designated States except US): AP-PLIED RESEARCH SYSTEMS ARS HOLDING N.V. [NL/NL]; Pietermaai 15, Curacao (AN).
- (72) Inventors; and
- Inventors/Applicants (for US only): POWER, Chris-(75)tine [GB/FR]; 10, Rue des Jonquilles, F-01710 Thoiry (FR). PROUDFOOT, Amanda [CH/FR]; Sous Chens, F-74140 Chens Sur Leman (FR). FRAUENSCHUH, Achim [DE/CH]; Chemin des Voirets 1, CH-1228 Plan-les-Ouates-Genève (CH).
- (74) Agent: HASSA, Juergen; Serono International SA, 12, Chemin des Aulx, CH-1228 Plan-les-Ouates (CH).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 27 October 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CC-CHEMOKINE-BINDING TICK PROTEINS

(57) Abstract: A novel CC-chemokine binding protein is isolated from the saliva of Rhipicephalus senguineus. Compounds prepared in accordance with the present invention can be used as anti-inflammatory compounds and in the treatment or prevention of CC-chemokine-related diseases.